

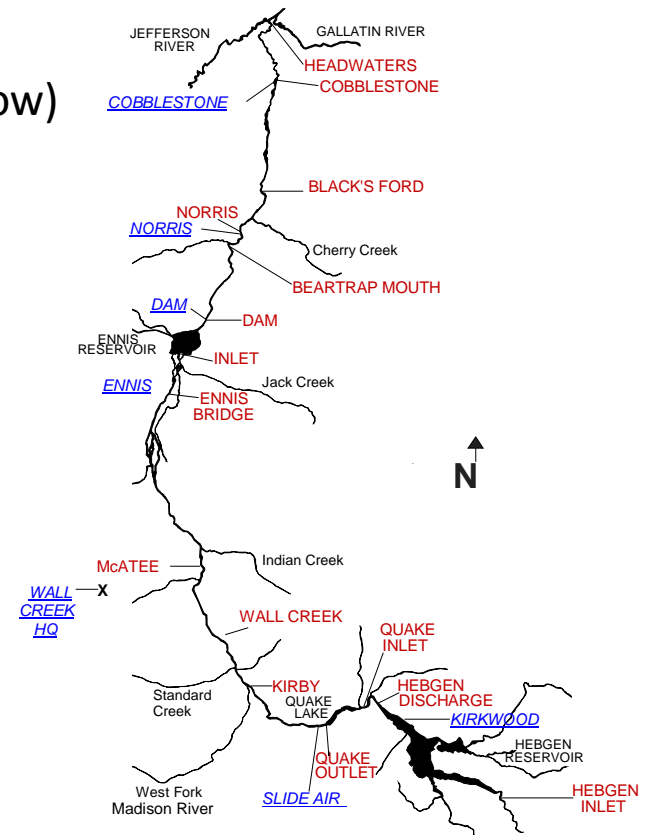
# Madison River CAC Fisheries Overview

Travis Horton MT Fish, Wildlife & Parks



# Madison River Physical Attributes

- Originates in Yellowstone National Park flows 140 miles to form the Missouri River
- Three impoundments Hebgen, Quake (natural) and Ennis
- These three impoundments have significant influence on temperature and flow and flow regimes
  - Lower highs and higher lows (temperature and flow)
- Annual discharge from Hebgen Dam
  - Average 1,040 cfs (1939 – 2011)
  - Minimum 506 cfs (1941)
  - Maximum 1,550 (1997)

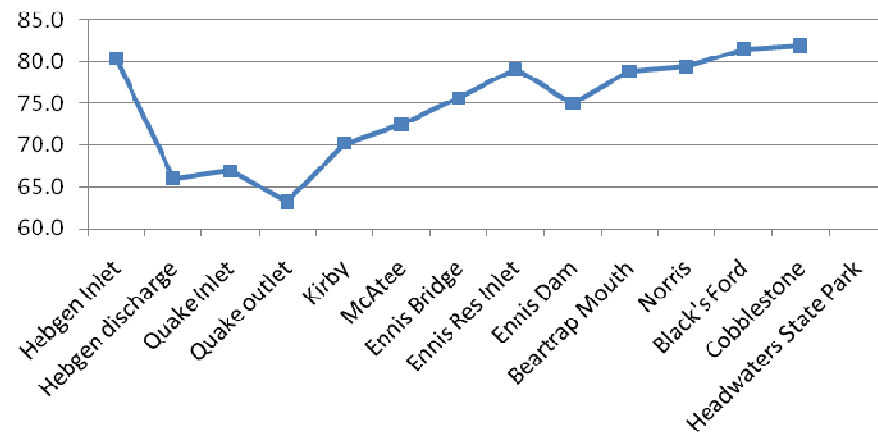




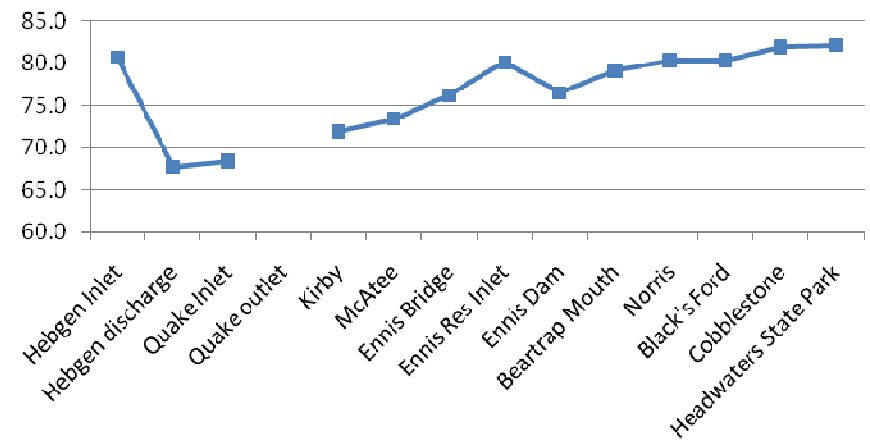




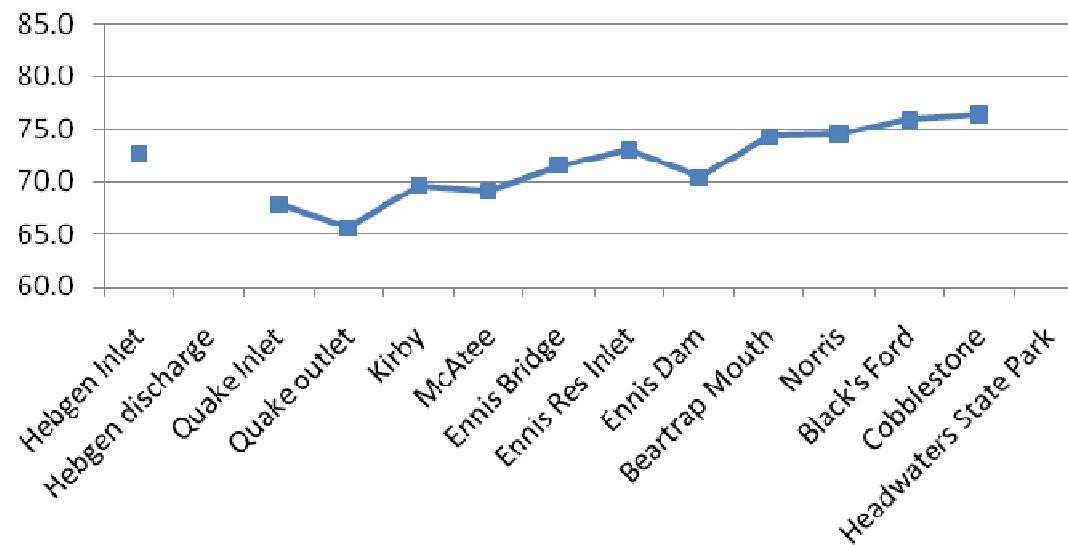
**2002**



**2007**



**2011**



# Fisheries Information

- Native species
  - Westslope Cutthroat trout
  - Arctic grayling
  - Longnose dace
  - Longnose sucker
  - White sucker
  - Mountain sucker
  - Mountain whitefish
  - Stone cat
  - Sculpin spp.
- Introduced Species
  - Brown trout
  - Rainbow trout
  - Brook trout
  - Common carp
  - Utah chub
  - Yellowstone Cutthroat trout



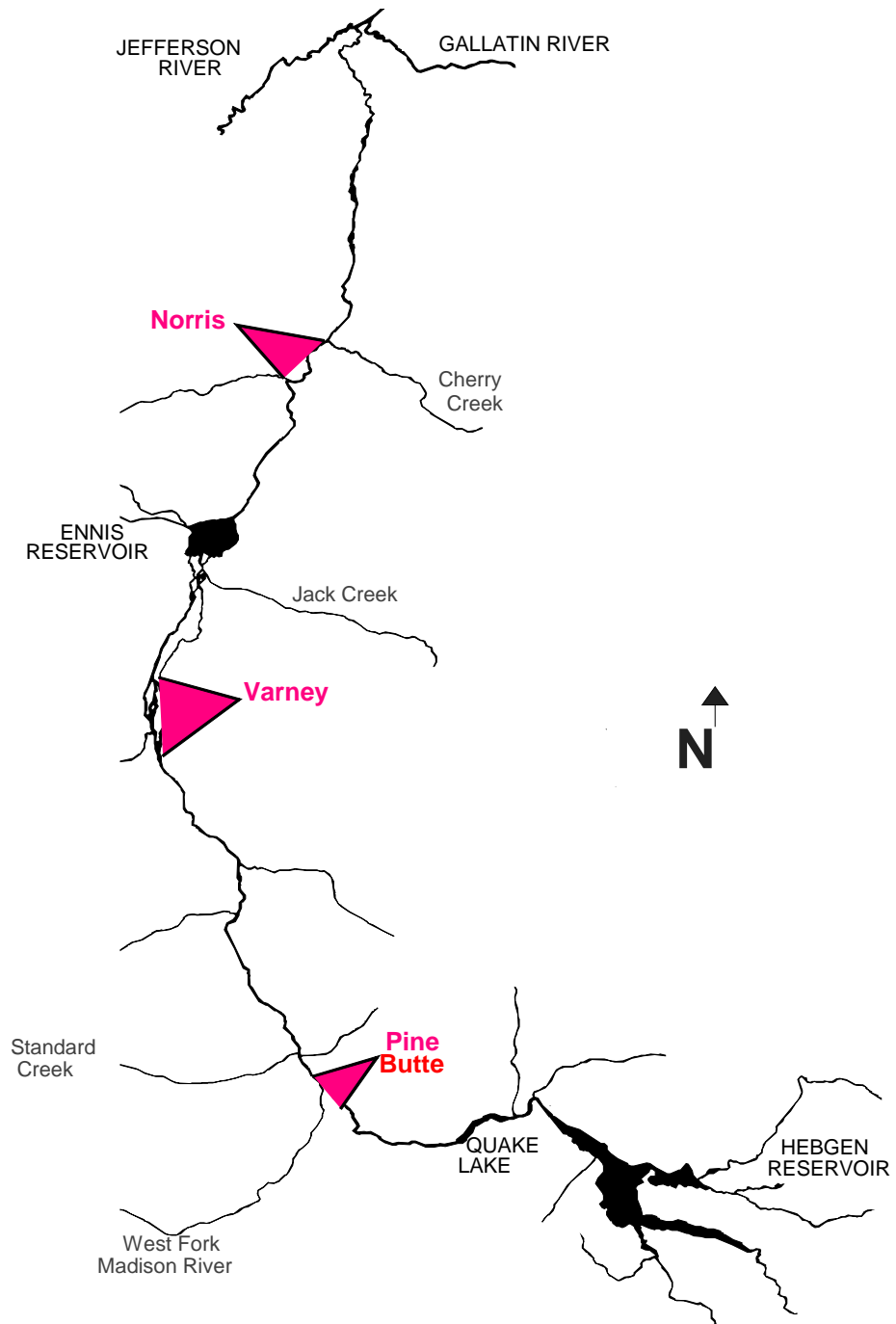
# Fish Stocking

- Brown trout (1934)
- Arctic Grayling (1934, 1946)
- Rainbow Trout (1934, 1946)
- Coho Salmon (1939)
- Stocking ended in the early 1970s
- In entire river, nearly 3.6 million fish were stocked between 1934 and the 1970s.

# Wild Trout Management

- Initiated in 1970s through controversial research
- Shifted focus from hatchery stocking to habitat protection and enhancement
- Since has spread to entire state as wild fish management in rivers and streams....some lakes















## Madison River – Norris Section

